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DOCKET NO.: DXU-0116

PATENT



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of:
Yury Gogotsi and Michel W. Barsoum

Group Art Unit: 1621

Serial No.: 10/561,768

Confirmation No.: 1617

Filed: March 23, 2006

For: **NANOPOROUS CARBIDE DERIVED CARBON WITH TUNABLE PORE
SIZE**

DATE OF DEPOSIT: November 7, 2006

I HEREBY CERTIFY THAT THIS PAPER IS BEING
DEPOSITED WITH THE UNITED STATES POSTAL
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TYPED NAME: Jeffrey H. Rosedale
REGISTRATION NO.: 46,018

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

**POWER OF ATTORNEY WITH REVOCATION
AND CERTIFICATE UNDER 37 CFR § 3.73(b)**

Revoking any and all powers of attorney heretofore given in the matter of the above-entitled application, the undersigned, assignee of the entire interest in the above-identified application, hereby appoints the attorneys listed below of the firm of WOODCOCK WASHBURN LLP, One Liberty Place - 46th Floor, Philadelphia, Pennsylvania, 19103, as attorneys for applicant(s), with full power of substitution and revocation, to prosecute this application, to make alterations and amendments therein, to receive the patent, and to transact all business in the Patent and Trademark Office connected therewith.

23377

Send all future correspondence and address all telephone calls to:

John W. Caldwell
WOODCOCK WASHBURN LLP
One Liberty Place - 46th Floor
Philadelphia PA 19103
Telephone: (215) 568-3100

- ☒ A Statement under 37 CFR § 3.73(b) accompanies this Revocation of Power of Attorney.

2006 WW



STATEMENT UNDER 37 CFR § 3.73(b)

Drexel University, a Pennsylvania corporation,

states that it is:

- ☒ the assignee of the entire right, title, and interest; or
- ☐ an assignee of an undivided part interest

in the patent application/patent identified above by virtue of either:

- A. ☒ An assignment from the inventor(s) of the patent application/patent identified above.
- ☐ 1. The assignment was recorded in the Patent and Trademark Office at Reel 016971, Frame(s) 0130.
- ☒ 2. The assignment has not yet been recorded. A copy of the assignment is attached.

OR

- B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

From: To: The document was recorded in the Patent and Trademark Office at Reel , Frame(s) , or for which a copy thereof is attached.

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- ☐ Additional documents in the chain of title are listed on a supplemental sheet.
- ☐ Copies of assignments or other documents in the chain of title are attached.

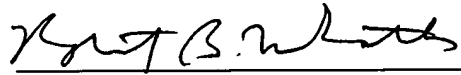
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The undersigned (whose title is supplied below) is empowered to act on behalf of the assignee.

Date: 10/3/06



Signature

Name:

Robert B. McGrath, Ph.D.

Title:

**Associate Vice Provost
Tech Commercialization**

1006111

ASSIGNMENT

WHEREAS, we **Yury Gogotsi and Michel W. Barsoum**, hereinafter referred to as the assignors, residing respectively at **33 Sandtrap Circle, Warminster, Pennsylvania 18974** and **24 Woodlane Drive, Moorestown, New Jersey 08057** are the joint inventors of certain inventions or improvements for which we have made application for Letters Patent to the United States, identified as Application No. **10/561,768**, filed **March 23, 2006**, entitled **NANOPOROUS CARBIDE DERIVED CARBON WITH TUNABLE PORE SIZE**; and

WHEREAS, **Drexel University**, hereinafter referred to as the assignee, of **3141 Chestnut Street, Philadelphia, Pennsylvania 19104**, a corporation of Pennsylvania, is desirous of acquiring the entire right, title and interest in and to the said inventions or improvements and in and to the said application, and in, to and under any and all Letters Patent which may be granted on or as a result thereof in any and all countries.

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, and intending to be legally bound hereby, we, the said assignors, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over to said assignee, the entire right, title and interest in and to said inventions or improvements and said application and any and all continuations, divisions and renewals of and substitutes for said application, and in, to and under any and all Letters Patent which may be granted on or as a result thereof in the United States and any and all other countries, and any reissue or reissues or extension or extensions of said Letters Patent, including the full right to sue for and collect damages for past violations of provisional rights having arisen from any publication of said application or any continuations, divisions, or renewals of or substitutes for said application. We further assign to and authorize said assignee, to file in our names applications for Letters Patent in all countries, the same to be held and enjoyed by said assignee, its successors, assigns, nominees or legal representatives, to the full end of the term or terms for which said Letters Patent respectively may be granted, reissued or extended, as fully and entirely as the same would have been held and enjoyed by us had this assignment, sale and transfer not been made.

AND we hereby covenant that we have full right to convey the entire interest herein assigned, and that we have not executed and will not execute any agreement in conflict herewith, and we further covenant and agree that we will each time request is made and without undue delay, execute and deliver all such papers as may be necessary or desirable to perfect the title to said inventions or improvements, said application and said Letters Patent to said assignee, its successors, assigns, nominees, or legal representatives, and each of us agrees to communicate to said assignee or to its nominee all known facts respecting said inventions or improvements, said application and said Letters Patent, to testify in any legal proceedings, to sign all lawful papers to execute all disclaimers and divisional, continuing, reissue and foreign applications, to make all rightful oaths, and generally to do everything possible to aid said assignee, its successors, assigns, nominees and legal representatives to

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Joint Inventors
(Pending Application;
Application No. Known)

obtain and enforce for its or their own benefit proper patent protection for said inventions or improvements in any and all countries.

AND we hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any country or countries foreign to the United States whose duty it is to issue patents on applications as aforesaid, to issue to said assignee, as assignee of the entire right, title and interest, any and all Letters Patent for said inventions or improvements, including any and all Letters Patent of the United States which may be issued and granted on or as a result of the application aforesaid, in accordance with the terms of this assignment.

AND this Assignment may be executed in multiple counterparts, each of which shall be deemed to be an original of this Assignment. Additionally, we hereby authorize our attorneys to collect the signature pages of each executed counterpart and to attach those signature pages to a single copy of this instrument, which single copy and attached signature pages together shall constitute an original of this Assignment.

IN WITNESS WHEREOF, we have hereunto set our hands and seals.

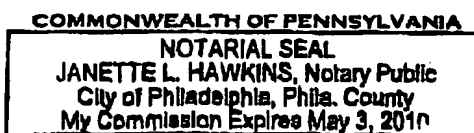
10/5/06
Date

Yury Gogotsi (L.S.)
Yury Gogotsi

STATE OF Pennsylvania :
COUNTY OF Philadelphia : SS

On this 5th day of October, year of 2006, before me personally came the above named Yury Gogotsi to me personally known and known to me to be the same individual who executed the foregoing assignment, and who acknowledged to me that execution of the same was of that person's own free will for the use and purposes therein set forth.

Janette L. Hawkins
Notary Public



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PATENT
Joint Inventors
(Pending Application;
Application No. Known)

Oct. 30, 2006
Date

Michel W. Barsoum (L.S.)

STATE OF Pennsylvania :
COUNTY OF Philadelphia : SS

On this 30th day of October, year of 2006, before me personally came the above named Michel W. Barsoum to me personally known and known to me to be the same individual who executed the foregoing assignment, and who acknowledged to me that execution of the same was of that person's own free will for the use and purposes therein set forth.

Janette L. Hawkins
Notary Public

